



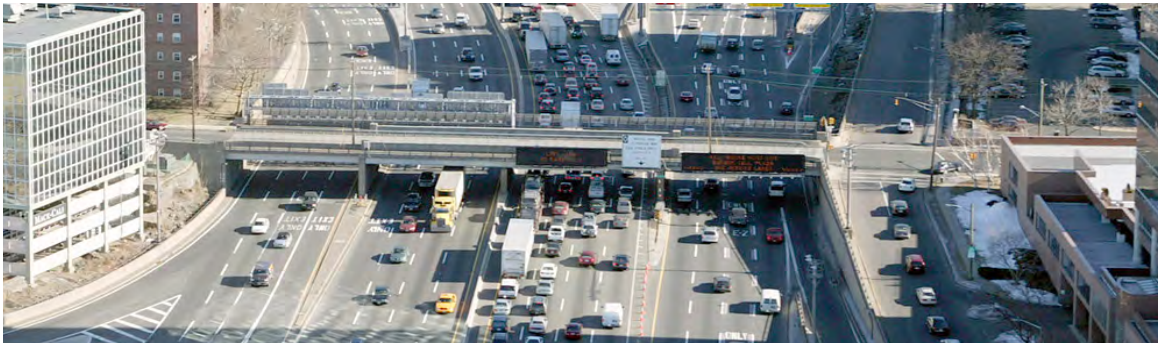
Mobility Measurement, Monitoring, and Documentation

PROFESSIONAL CAPABILITIES

For nearly 40 years, Skycomp has used aerial survey methods for transportation planning studies and programs.

Our mission is to meet the data and informational needs of government planners and transportation engineers when aerial methods can provide additional value and benefits. Often, our services can increase the effectiveness of project planning with information that is accurate, affordable, and verifiable.

Our deliverables are well suited for the public involvement process because the archives of time-lapse aerial photography that underlie our findings can help bridge the gap between technical and non-technical audiences.



Performance Monitoring/Mobility Measurement

- MPO planning regions of any size
- Corridor-specific or network-wide
- Calibrate travel demand models
- Freeway density and Level-of-Service (LOS)
- Locations of bottlenecks & congestion
- Arterial mobility & surrogate LOS
- Queue lengths & population profiles
- Estimated travel times & speeds
- Event parking ingress and egress
- Commuter rail & bus parking lot utilization

Origin-Destination & Other Modeling Data

- True origin-destination percentages
- Travel times and speeds
- Toll transaction times
- Flow rates, ramp volumes & turning movements
- Weaving trajectories
- Vehicle routes by classification
- Mall and street circulation
- Measured signal queue lengths

Photos-Only Data Capture

- Survey photos to be analyzed by client

Deliverables

Web-based Modules

- Interactive maps with bottleneck locations
- Highlight photography and video
- LOS data reporting tools

Written Reports

- Quantitative & qualitative bottleneck analysis
- Bottleneck and LOS graphics
- Comparative Analysis

Data

- Origin-Destination tables
- GIS-compatible databases
- Cataloged imagery



Recent Clients

Government Organizations

- Baltimore Metro. Council
- Georgia DOT
- Maricopa Association of Governments
- Maryland SHA
- Metro. Washington COG
- New York City DOT
- New York State DOT
- Santa Clara VTA

Transit & Toll Authorities

- Florida's Turnpike Enterprise
- New Jersey Transit
- NYC MTA Bridges & Tunnels
- Port Authority of NY & NJ

Research Professionals

- Ohio State Univ.
- Penn State Univ.
- Transportation Research Board

Engineering & Modeling Firms

- AECOM
- HNTB
- Jacobs Engineering
- McCormick Taylor
- Michael Baker Jr.
- Parsons Brinckerhoff
- Dowling Associates, Inc
- Stantec
- URS



5999 Harpers Farm Rd Suite E-225 Columbia, MD 21044
 410.884.6900
 www.skycomp.com